

Title (en)

Method for pulsed operation of a light barrier and light barrier

Title (de)

Verfahren zum gepulsten Betreiben einer Lichtschranke und Lichtschranke

Title (fr)

Procédé de fonctionnement pulsé d'une barrière lumineuse et barrière lumineuse

Publication

EP 2402793 B1 20180404 (DE)

Application

EP 11005055 A 20110621

Priority

DE 102010025929 A 20100702

Abstract (en)

[origin: EP2402793A2] The method involves sending electromagnetic radiation over a transmitting time period by a transmitting device, and receiving radiation measured values of the radiation at measuring time points (24) by a detector. A determination is made to check whether an external light beam is present on the detector by examining a measured value curve of the measured values. A cycle is implemented in normal and compensation modes during absence and presence of the beam, respectively. A compensation measure is accomplished in the compensation mode to compensate influence of the beam. An independent claim is also included for a light barrier comprising a detector.

IPC 8 full level

G01V 8/20 (2006.01)

CPC (source: EP US)

B61C 9/50 (2013.01 - EP); **G01V 8/12** (2013.01 - EP); **G01V 8/20** (2013.01 - EP US); **Y02T 30/00** (2013.01 - EP)

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DOCDB simple family (publication)

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